

**CLAIMS**

1. An electron multiplier comprising a dynode unit, in which a plurality of dynodes are positioned in a layered state in multiple stages, wherein in the dynode unit, the dynode of the first stage is arranged as a venetian blind dynode and the dynodes of the second stage onward are arranged as metal channel dynodes.

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2. The electron multiplier according to Claim 1, further comprising an auxiliary electrode that guides the secondary electrons, emitted by the venetian blind dynode of the first stage, toward the metal channel dynode of the second stage.

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